

EXHIBIT 1

US application 10/743,391

Sequence ID Numbers

Table detailing the sequences in the application identified by a Sequence ID Number.

SEQ ID NO	Sequence	Page/Figure	Description of Sequence
1	EVPGSQHI	9	Residues 51-58 of the <i>Escherichia coli</i> EtxB and <i>Vibrio cholerae</i> CtxB proteins (the β 4- α 2 exposed loop). May be mutated at any site.
2	EVPGSQHI	9	Residues 51-58 of the <i>Escherichia coli</i> EtxB and <i>Vibrio cholerae</i> CtxB proteins (the β 4- α 2 exposed loop). May be mutated at sites 51, 56 or 57.
3	EVPGSQHI	9	Residues 51-58 of the <i>Escherichia coli</i> EtxB and <i>Vibrio cholerae</i> CtxB proteins (the β 4- α 2 exposed loop). May be mutated at site 57.
4	SIINFEKL	45	Synthetic peptide used to construct EtxB conjugates.
5	CSIINFEKL	45	Synthetic peptide used to construct EtxB conjugates.
6	CEKLAGFGSIINFEKL	45	Synthetic peptide used to construct EtxB conjugates.
7	CAVGAGATAEESIINFEKL	45	Synthetic peptide used to construct EtxB conjugates.
8	CEKLAGFGAVGAGATAESIINFEKL	45	Synthetic peptide used to construct EtxB conjugates.
9	CEKLAGFGARGAGATAESIINFEKL	45	Synthetic peptide used to construct EtxB conjugates.
10	CEKLAGFGAVGAGATAESIINFEKLTEWTS	45	Synthetic peptide used to construct EtxB conjugates.
11	AGFGAVGAGATAEE	49	Loop segment of the Pol-peptide of HSV-1

SEQ ID NO	Sequence	Page/Figure	Description of Sequence
12	TPQNI ¹ TDLCA EYHNTQI ¹ HTL NDKIFS ¹ YTES LAGKREMA ¹ II TFKNGATFQV EVPGSQ ¹ HIDS QKKAIERMKD TLR ¹ IAYL ¹ TEA KVEKLCV ¹ WNN KTPHAIAAIS MAN	Figure 1	CtxB – <i>Vibrio cholerae</i> cholera toxin B subunit protein sequence
13	TPQNI ¹ TDLCA EYHNTQI ¹ HTL NDKIFS ¹ YTES LAGKREMA ¹ II TFKNGATFQV EVPGSQ ¹ AIDS QKKAIERMKD TLR ¹ IAYL ¹ TEA KVEKLCV ¹ WNN KTPHAIAAIS MAN	Figure 1	Mutant CtxB (H57A)
14	APQ ¹ ITELCS EYRNTQI ¹ YTI NDKILS ¹ YTES MADKREMA ¹ II TFKSGETFQV EVPGSQ ¹ HIDS QKKAIERMKD TLR ¹ ITYLTET KIDKLCV ¹ WNN KTPISIAAIS MEN	Figure 2	Mutant EtxB (G33D)
15	APQ ¹ ITELCS EYRNTQI ¹ YTI NDKILS ¹ YTES MAGKREMA ¹ II TFKSGETFQV EVPGSQ ¹ HIDS QKKAIERMKD TLR ¹ ITYLTET KIDKLCV ¹ WNN KTPISIAAIS MEN	Figure 6	EtxB – <i>Escherichia coli</i> heat-labile enterotoxin B subunit protein sequence
16	APQ ¹ ITELCS EYRNTQI ¹ YTI NDKILS ¹ YTES MAGKREMA ¹ II TFKSGETFQV EVPGSQ ¹ AIDS QKKAIERMKD TLR ¹ ITYLTET KIDKLCV ¹ WNN KTPISIAAIS MEN	Figure 11	Mutant EtxB (H57A)
17	TPQNI ¹ TDLCA EYHNTQI ¹ HTL NDKIFS ¹ YTES LAGKREMA ¹ II TFKNGATFQV AVPGSQ ¹ HIDS QKKAIERMKD TLR ¹ IAYL ¹ TEA KVEKLCV ¹ WNN KTPHAIAAIS MAN	Amended Claims	Mutant CtxB (E51A)
18	TPQNI ¹ TDLCA EYHNTQI ¹ HTL NDKIFS ¹ YTES LAGKREMA ¹ II TFKNGATFQV EVPGSA ¹ HIDS QKKAIERMKD TLR ¹ IAYL ¹ TEA KVEKLCV ¹ WNN KTPHAIAAIS MAN	Amended Claims	Mutant CtxB (Q56A)
19	APQ ¹ ITELCS EYRNTQI ¹ YTI NDKILS ¹ YTES MAGKREMA ¹ II TFKSGETFQV EVPGSQ ¹ SIDS QKKAIERMKD TLR ¹ ITYLTET KIDKLCV ¹ WNN KTPISIAAIS MEN	Amended Claims	Mutant EtxB (H57S)